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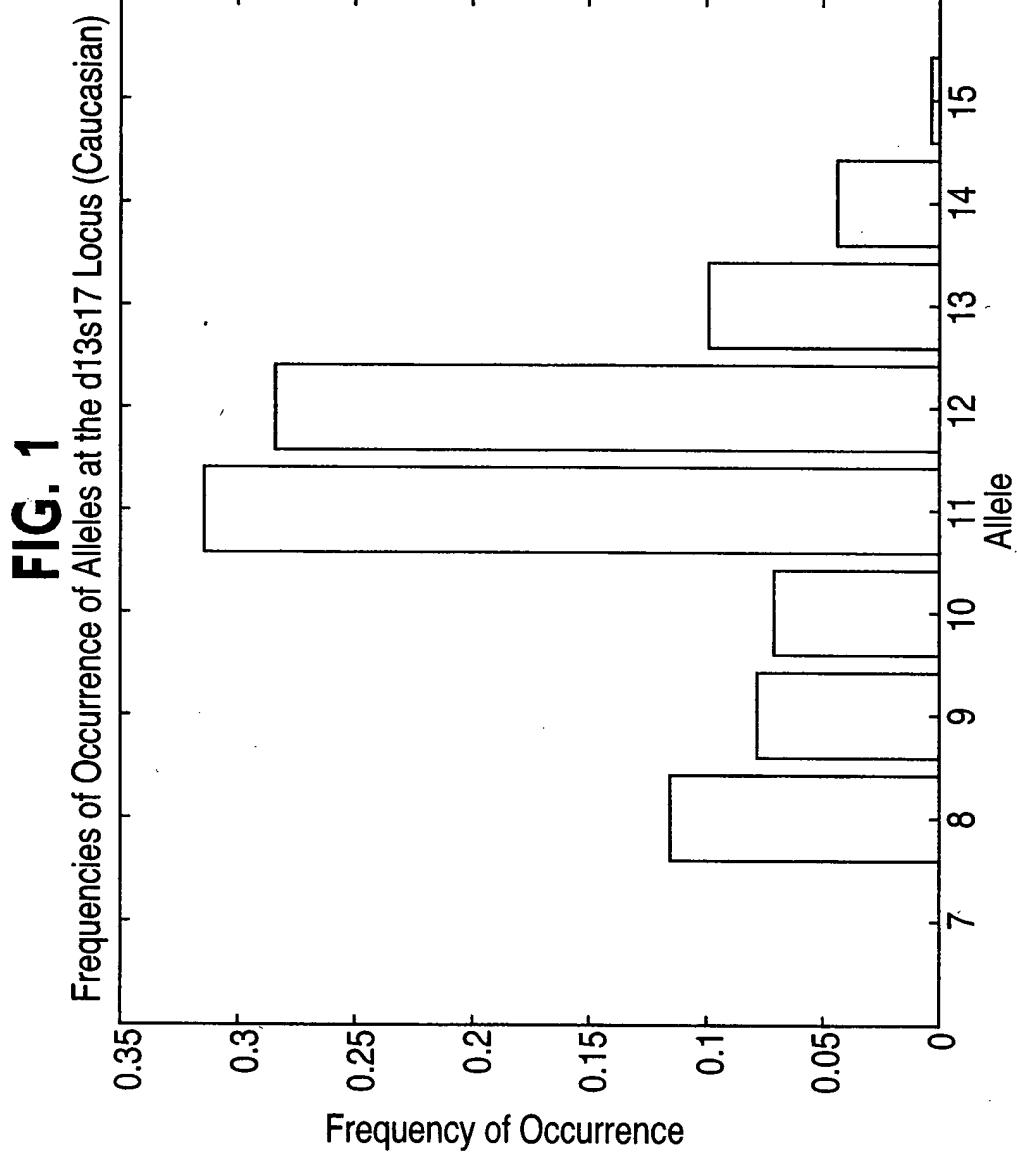


FIG. 2

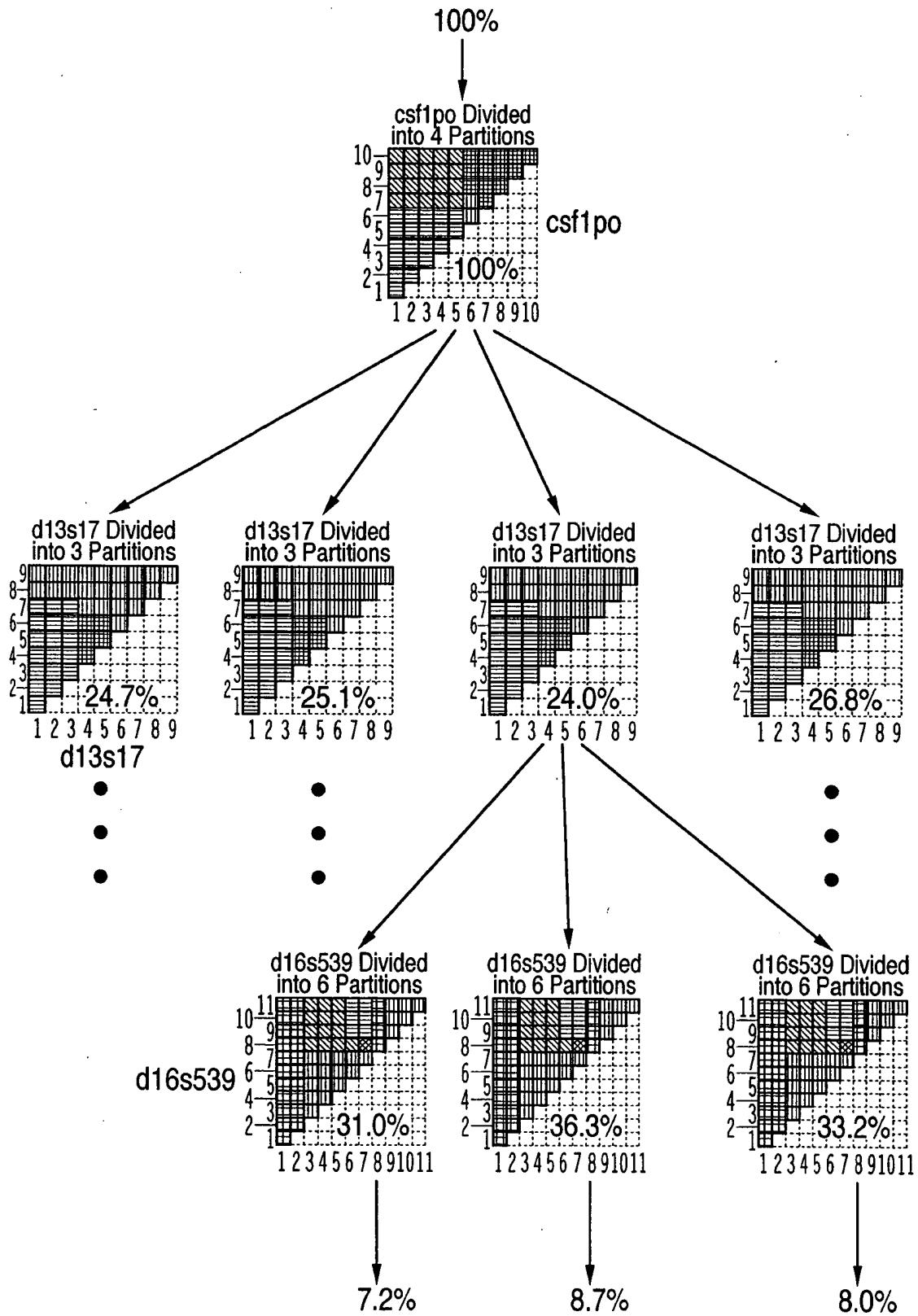


FIG. 3
SINGLE HOST SEARCH SERVER

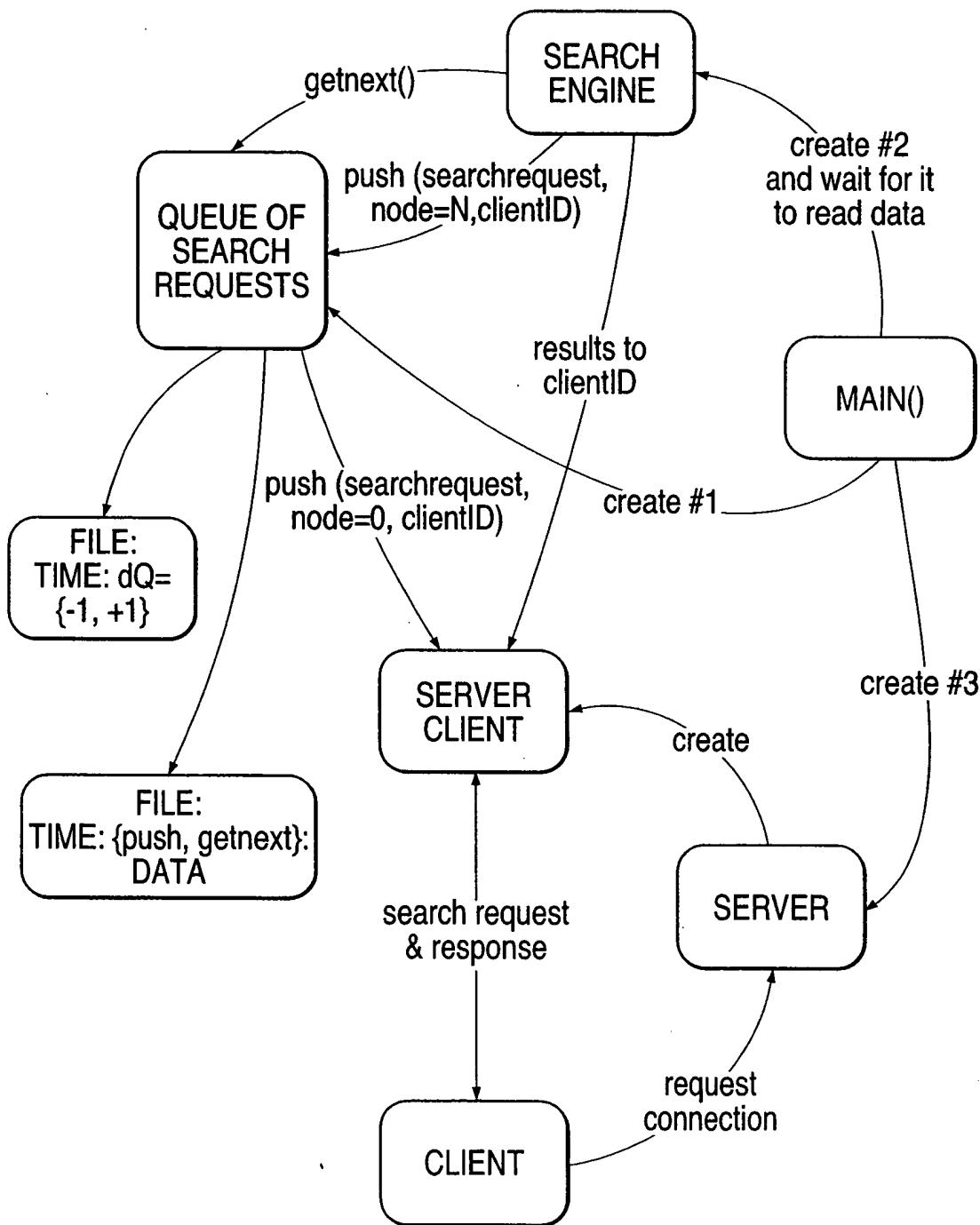


FIG. 4

d16s539 Divided into 6 Partitions

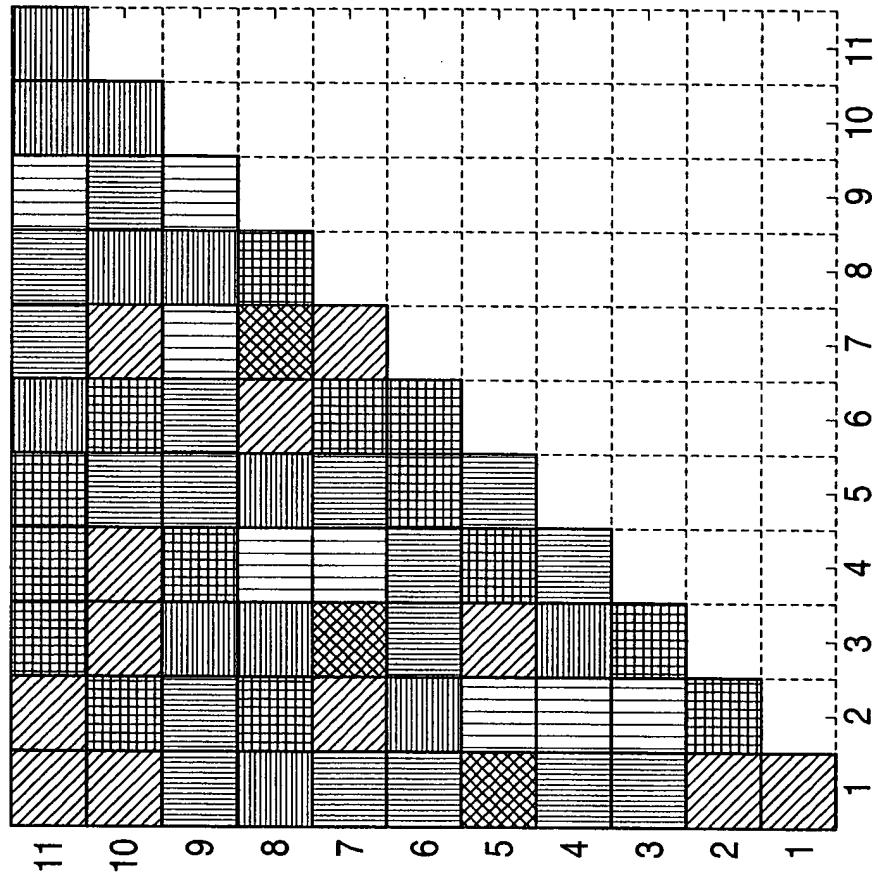


FIG. 5

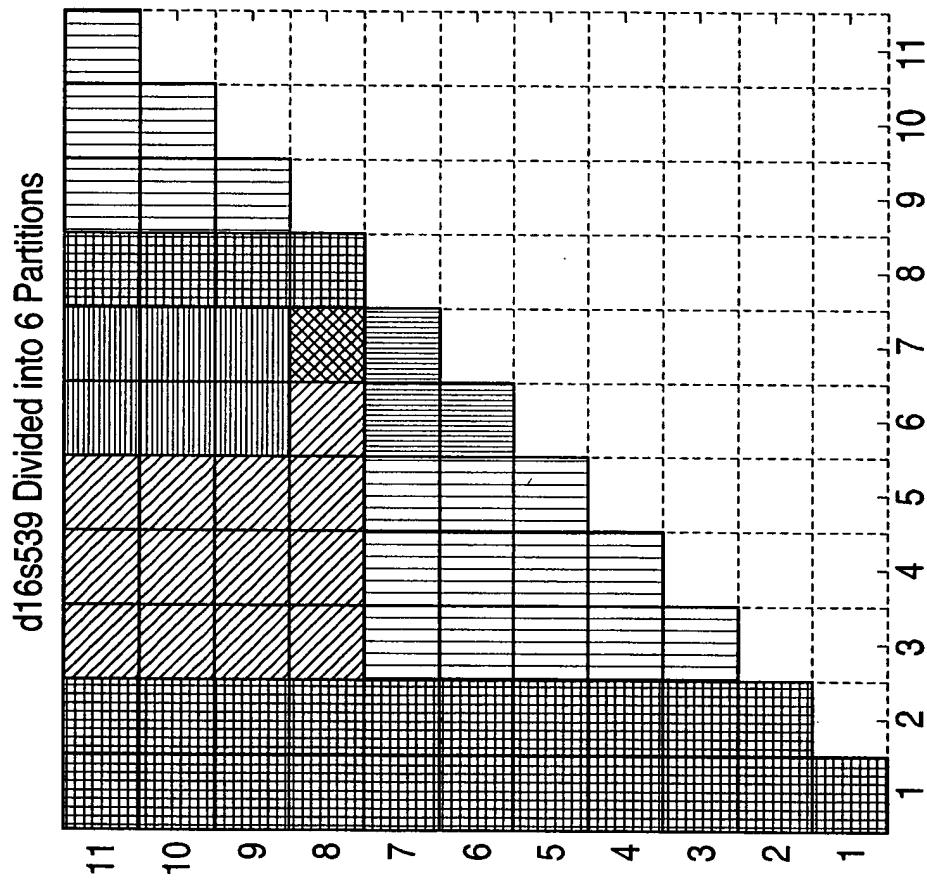


FIG. 6
d16s539 Divided into 5 Partitions

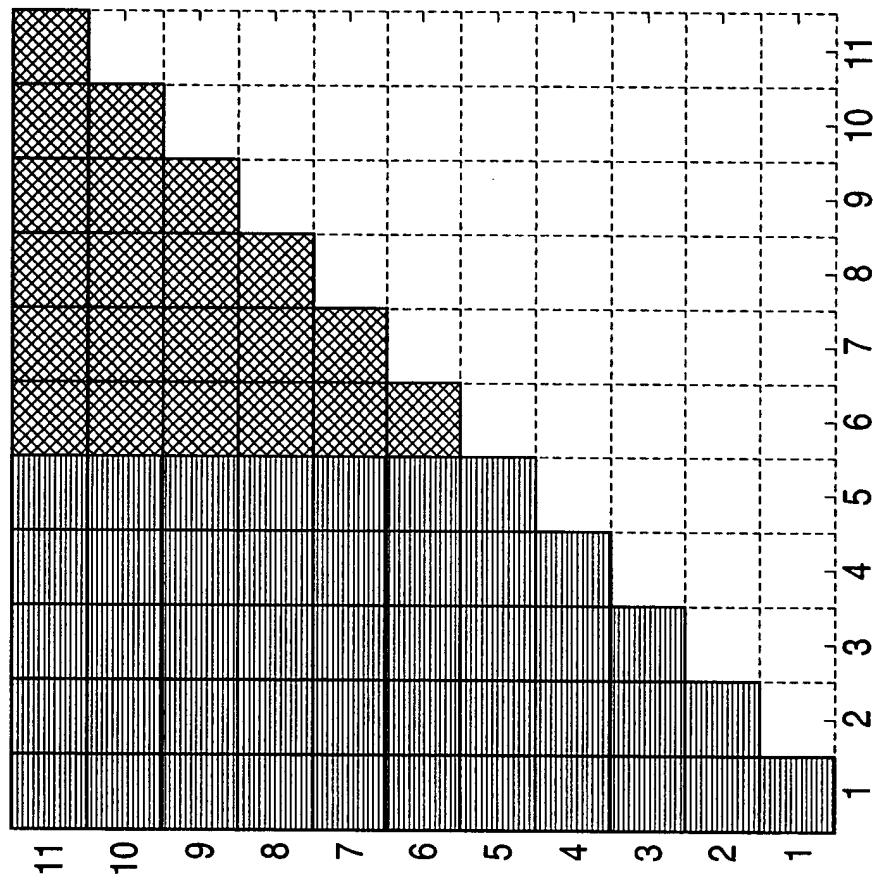


FIG. 7

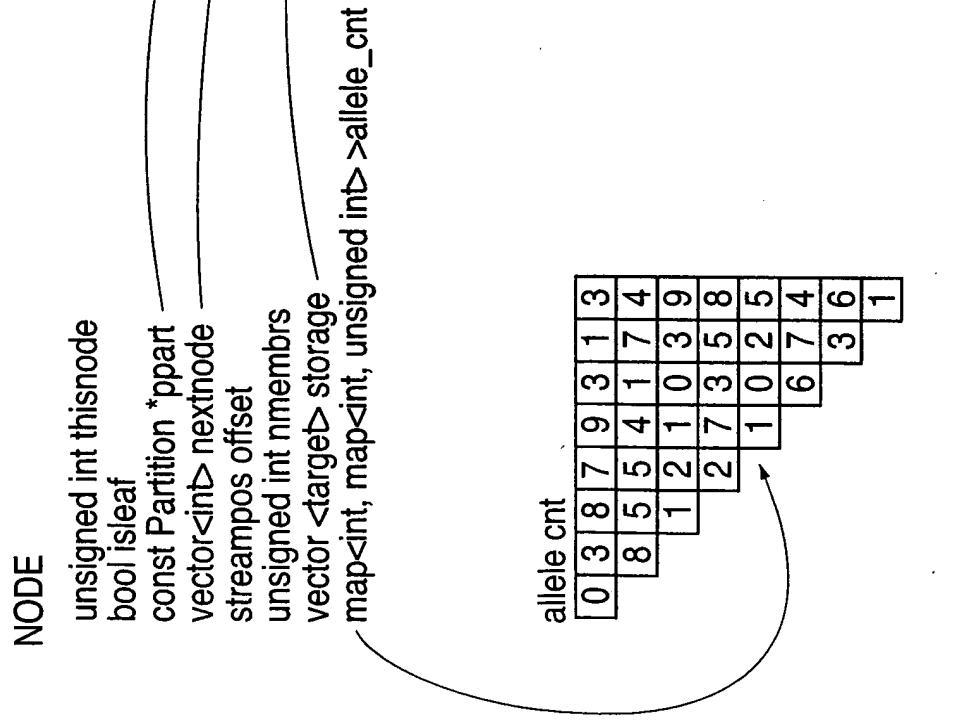


FIG. 8

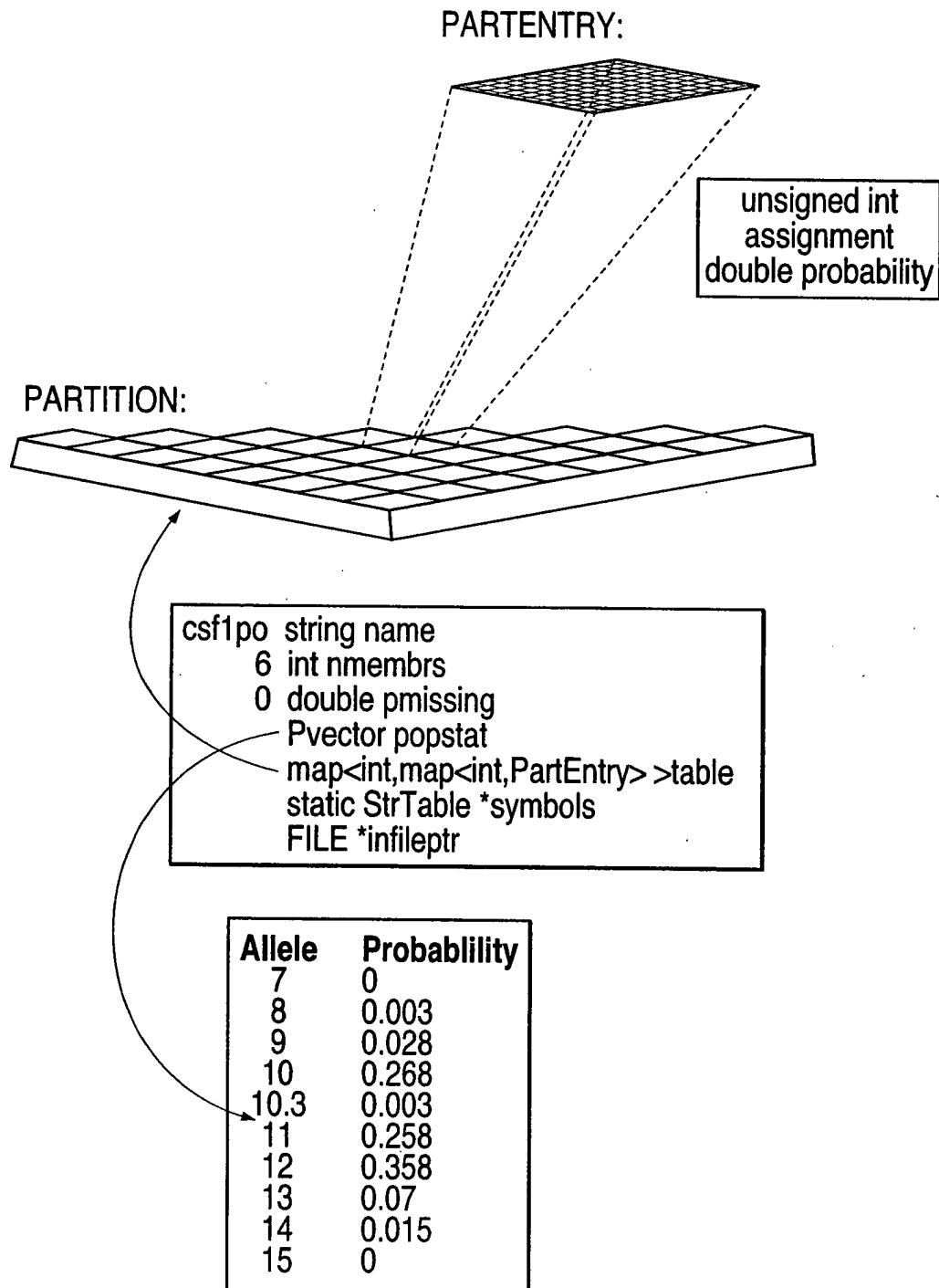


FIG. 9

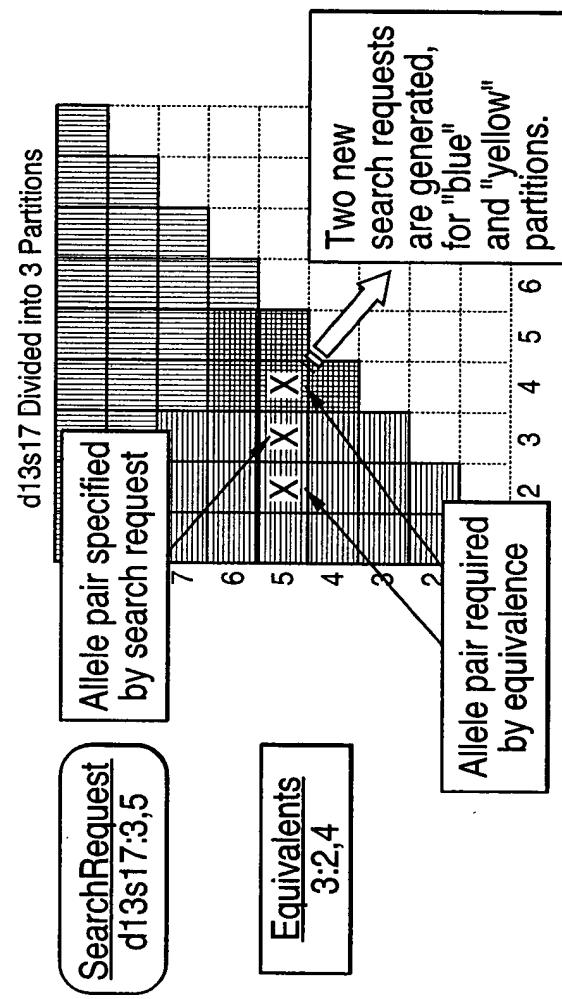


FIG. 10

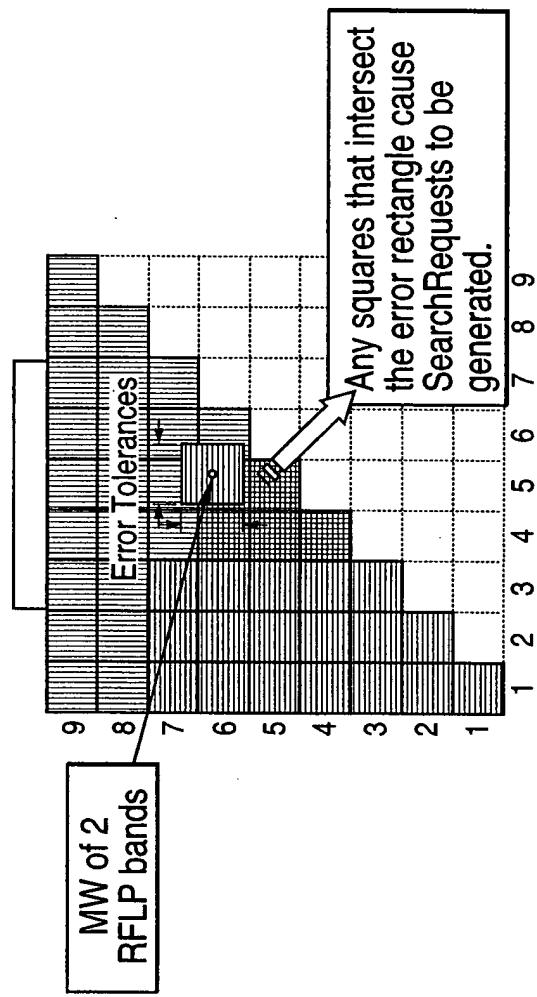


FIG. 11

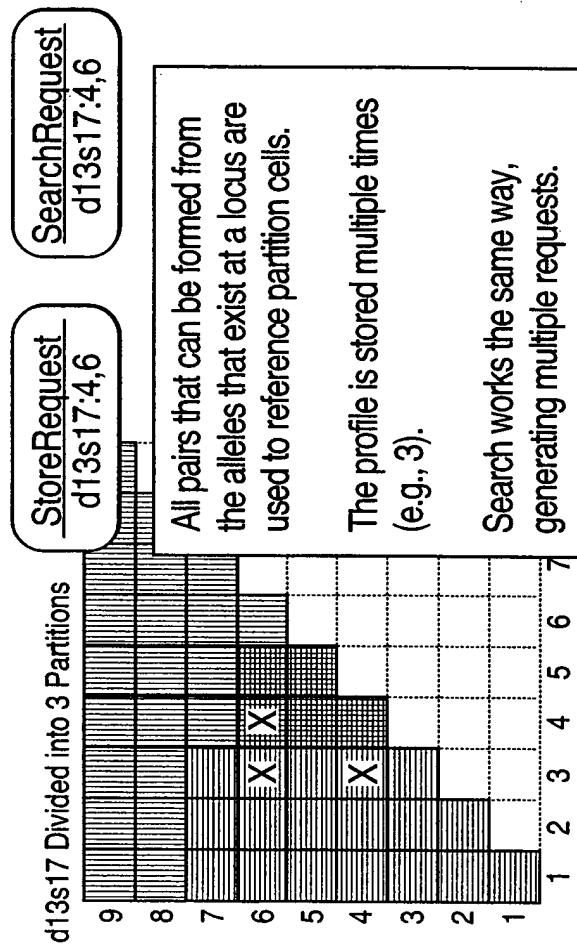


FIG. 12

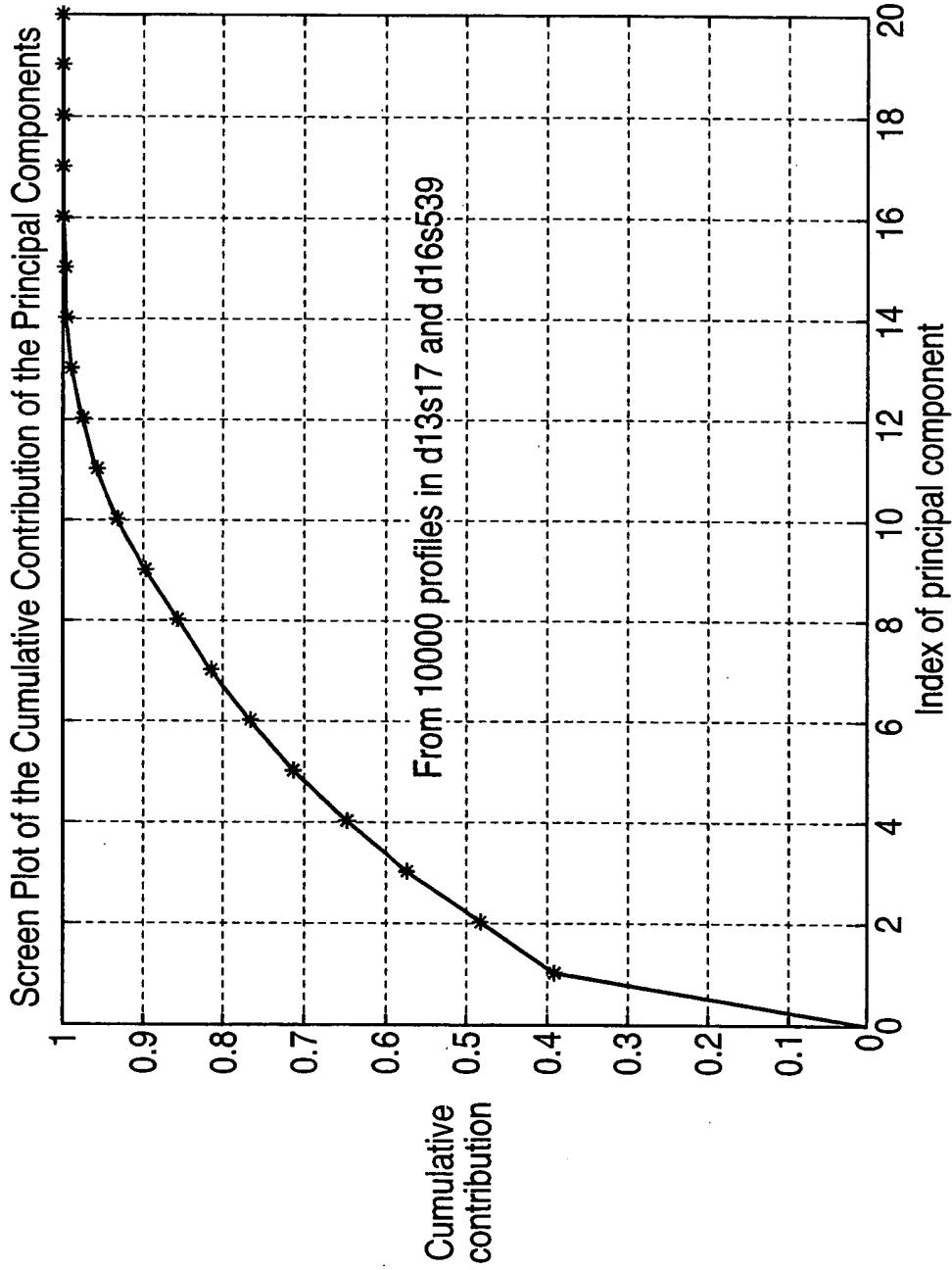


FIG. 13

Scores of 10,000 Profiles onto the 2nd and 3rd Principal Components of d13s and d16s data

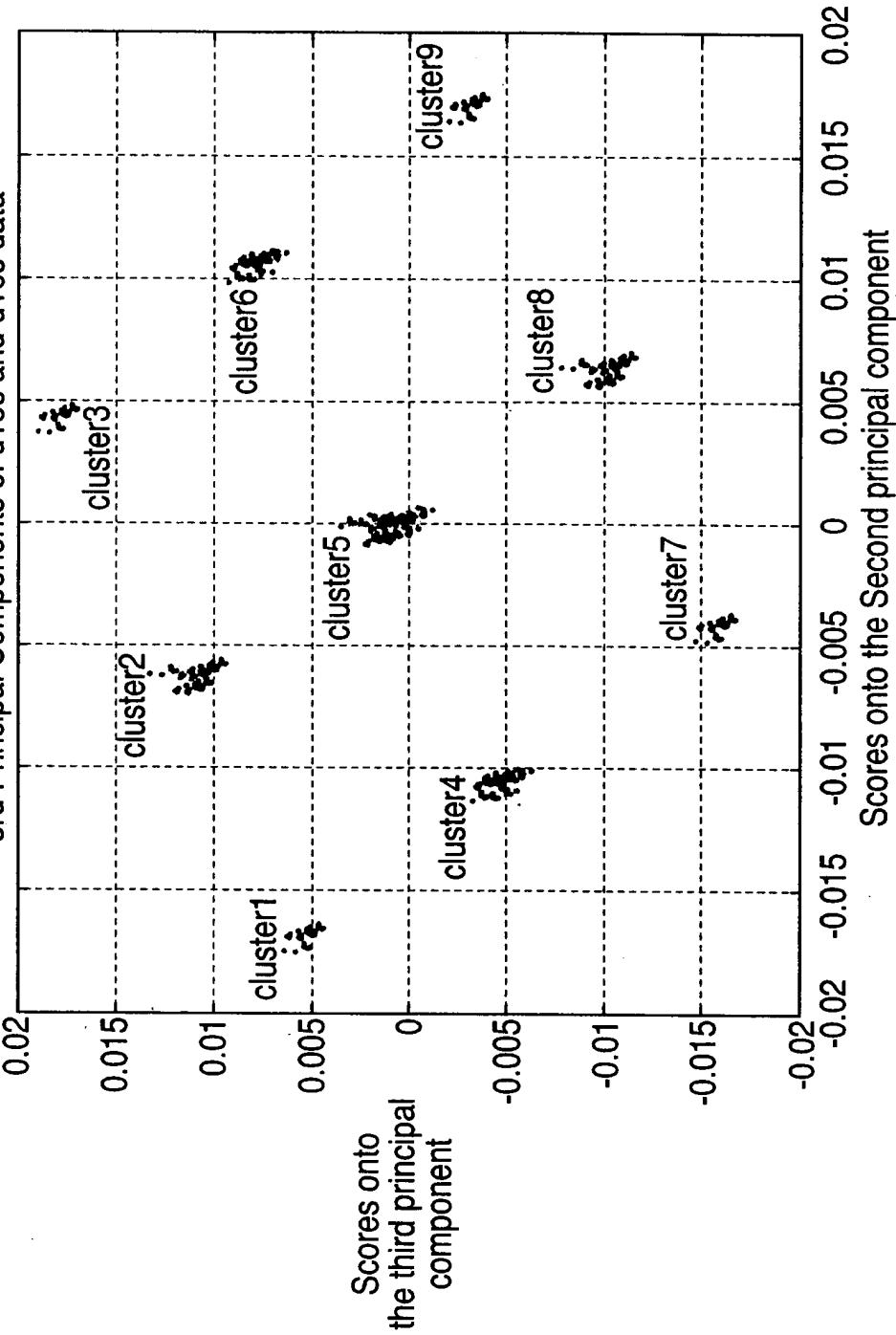


FIG. 14
d13s17 locus allele frequency distribution

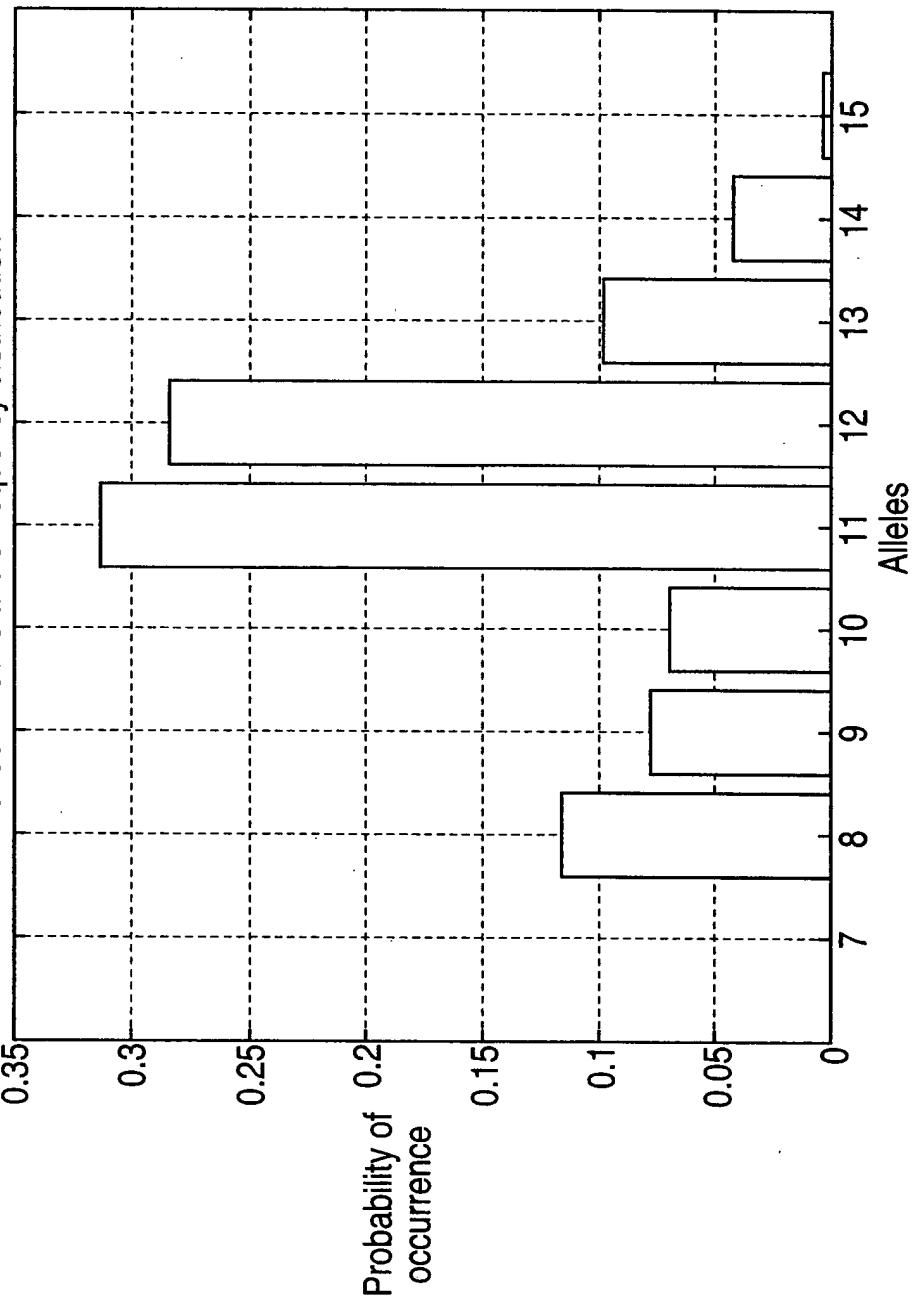


FIG. 15
d16s539 locus allele frequency distribution

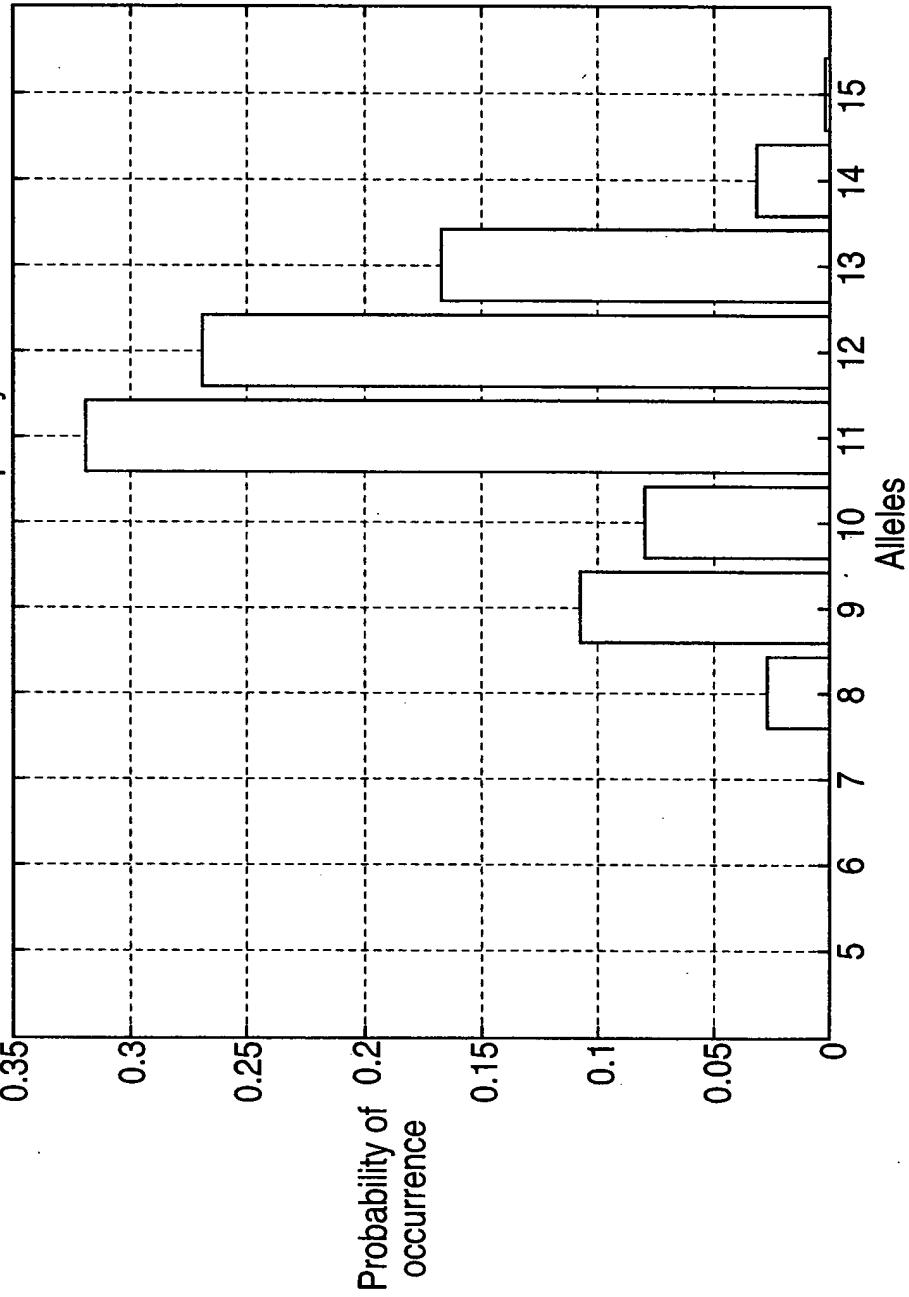


FIG. 16

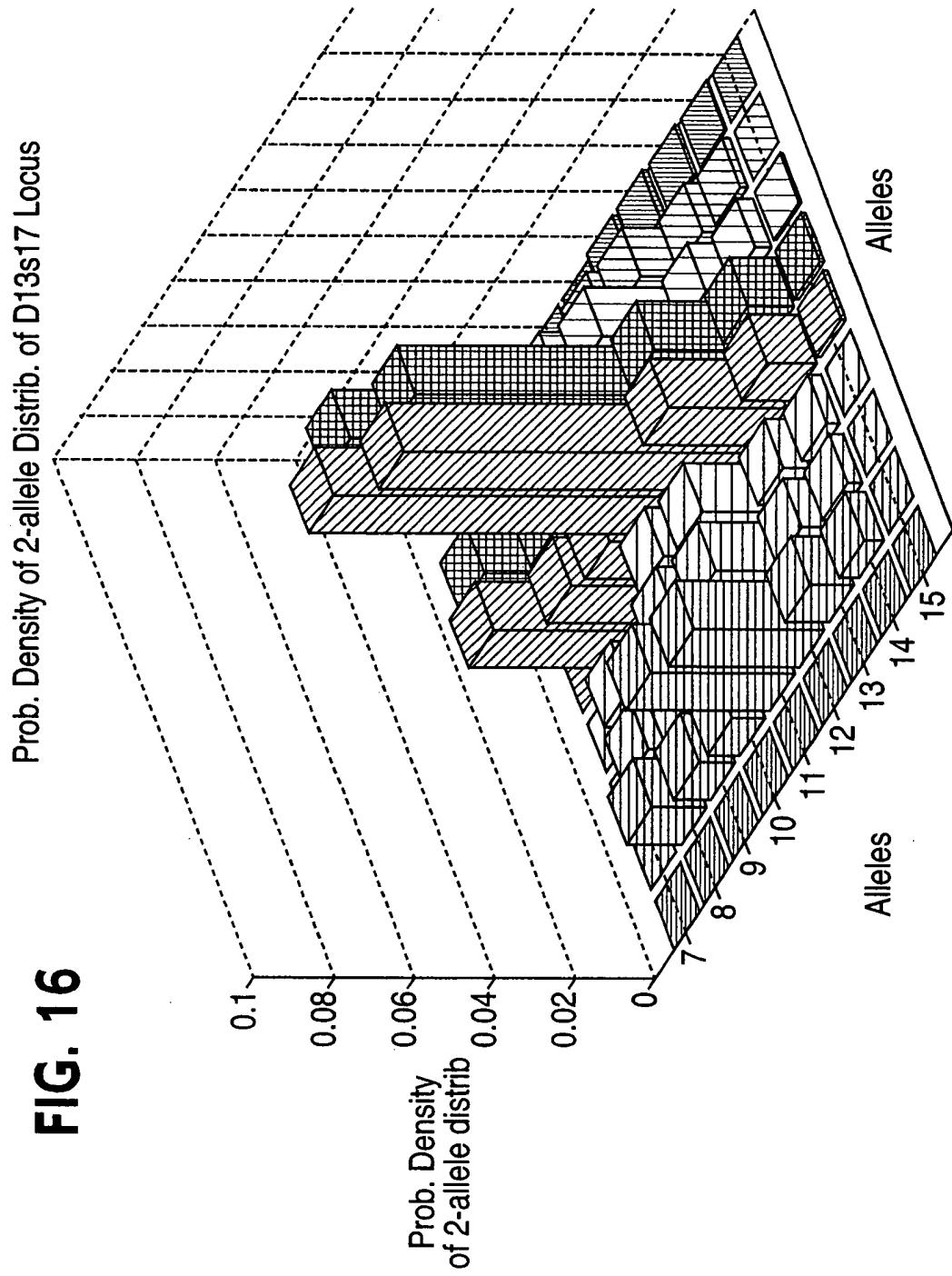


FIG. 17

Prob. Density of 2-allele Distrib. of D16s539 Locus

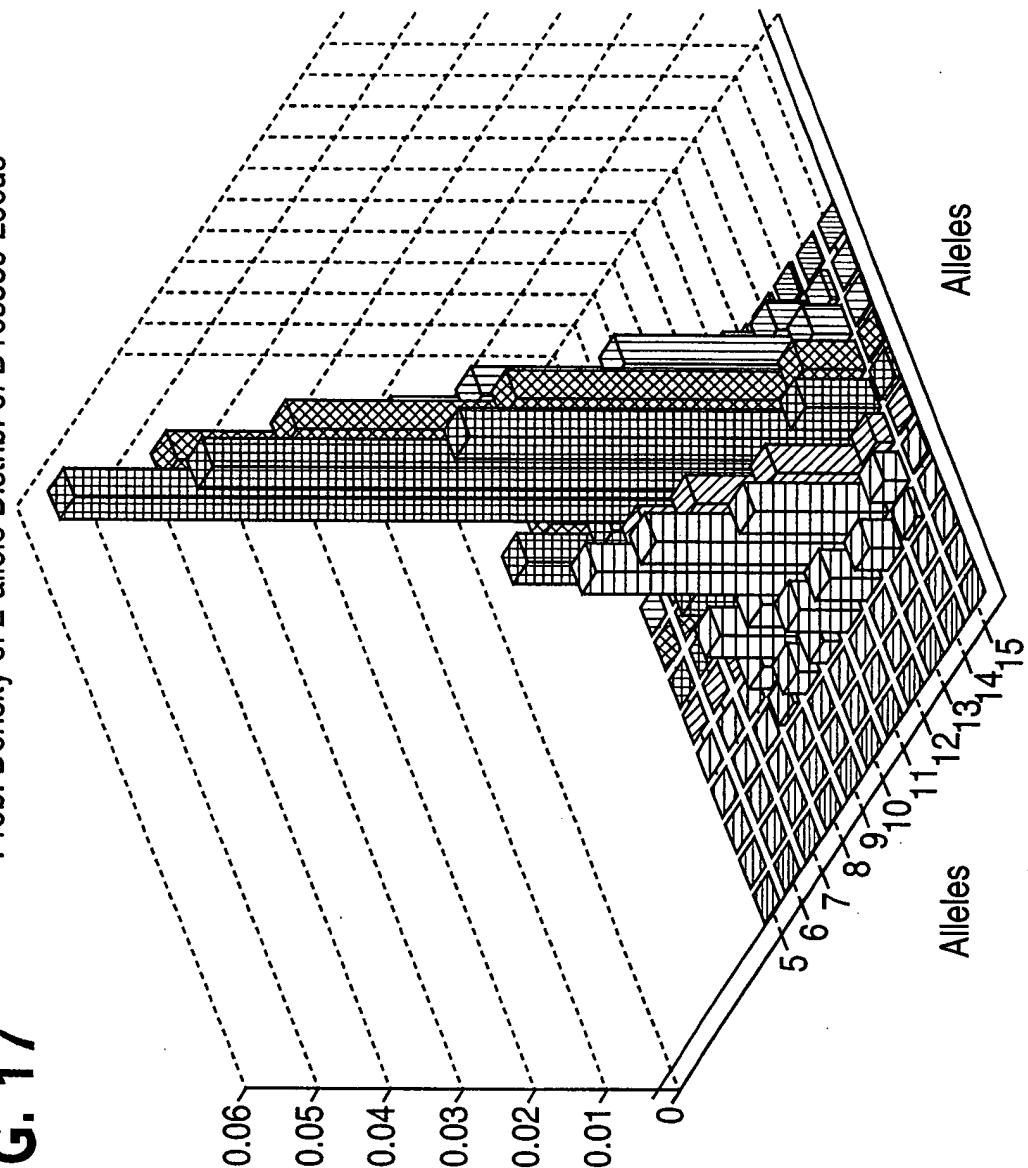


FIG. 18

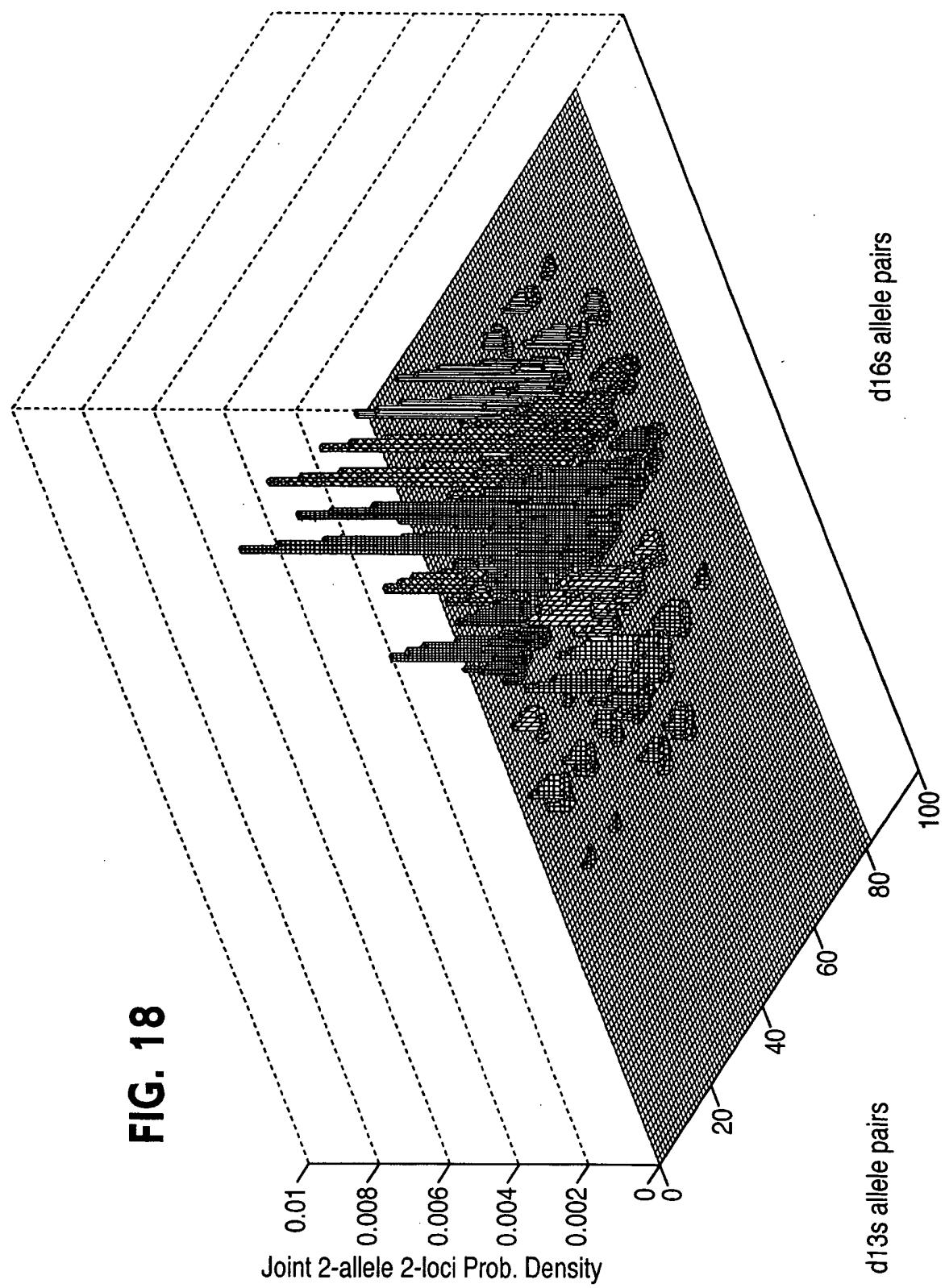


FIG. 19
Make up of the second principal component

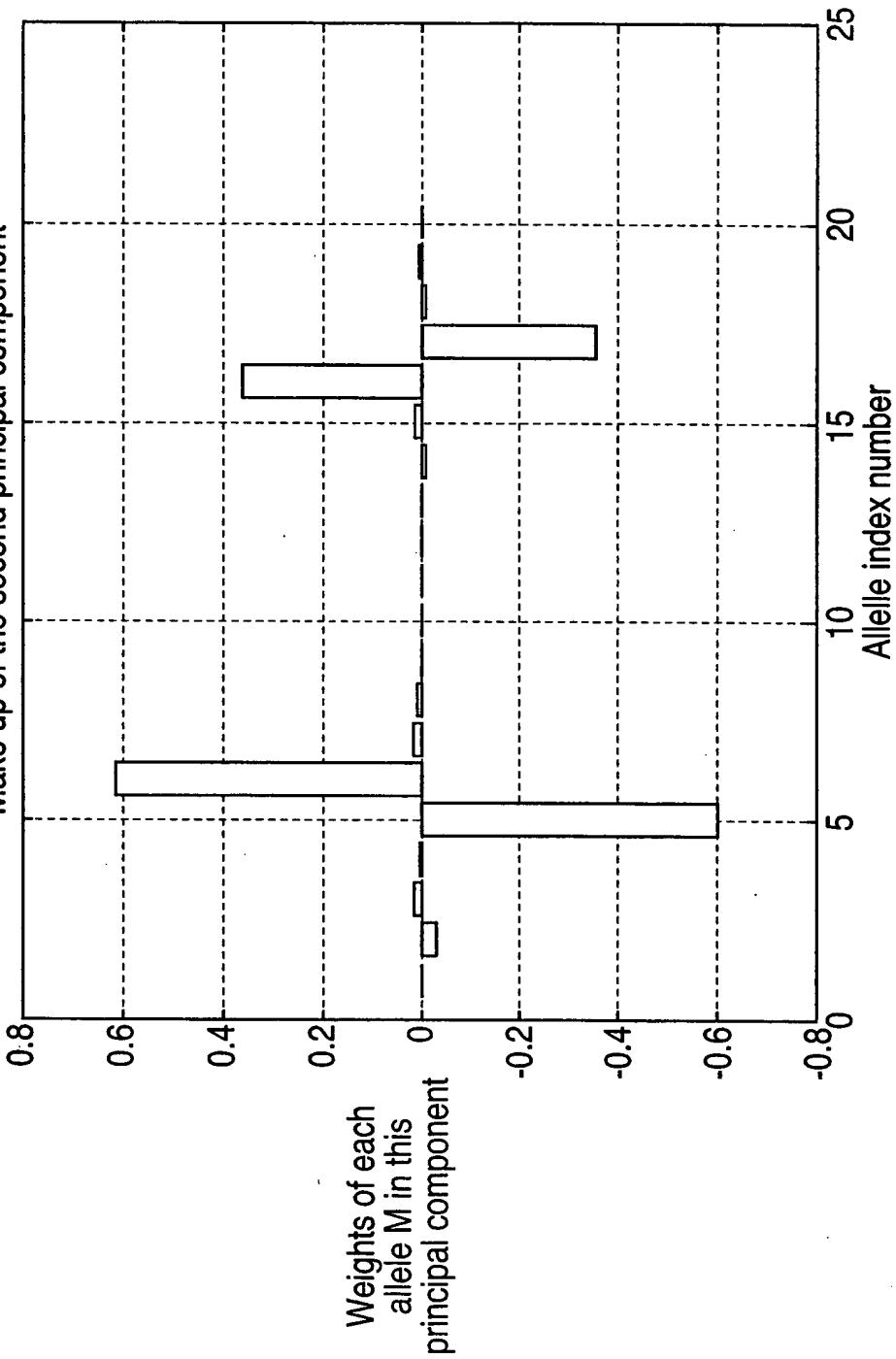


FIG. 20
Make up of the third principal component

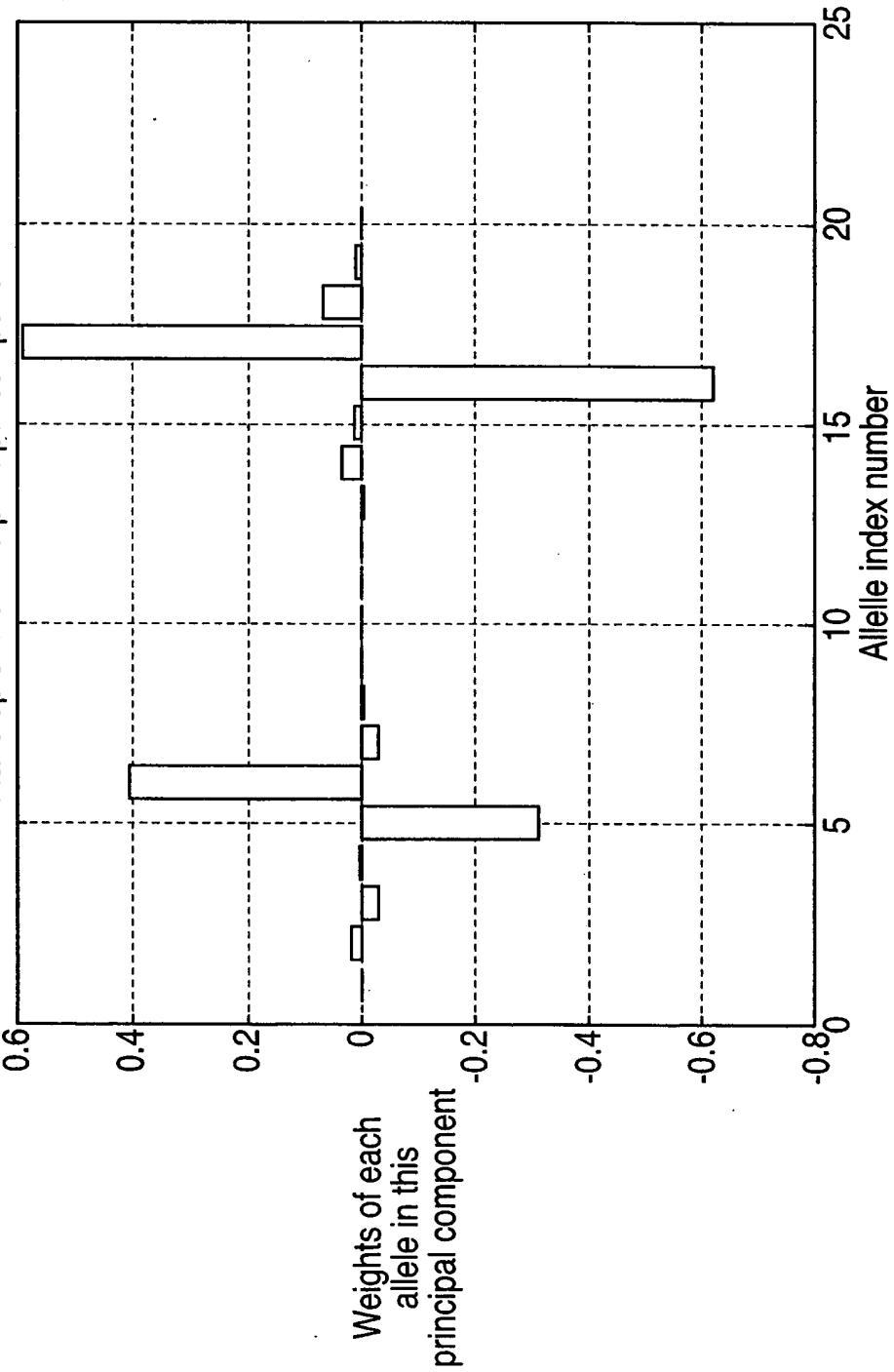


FIG. 21A

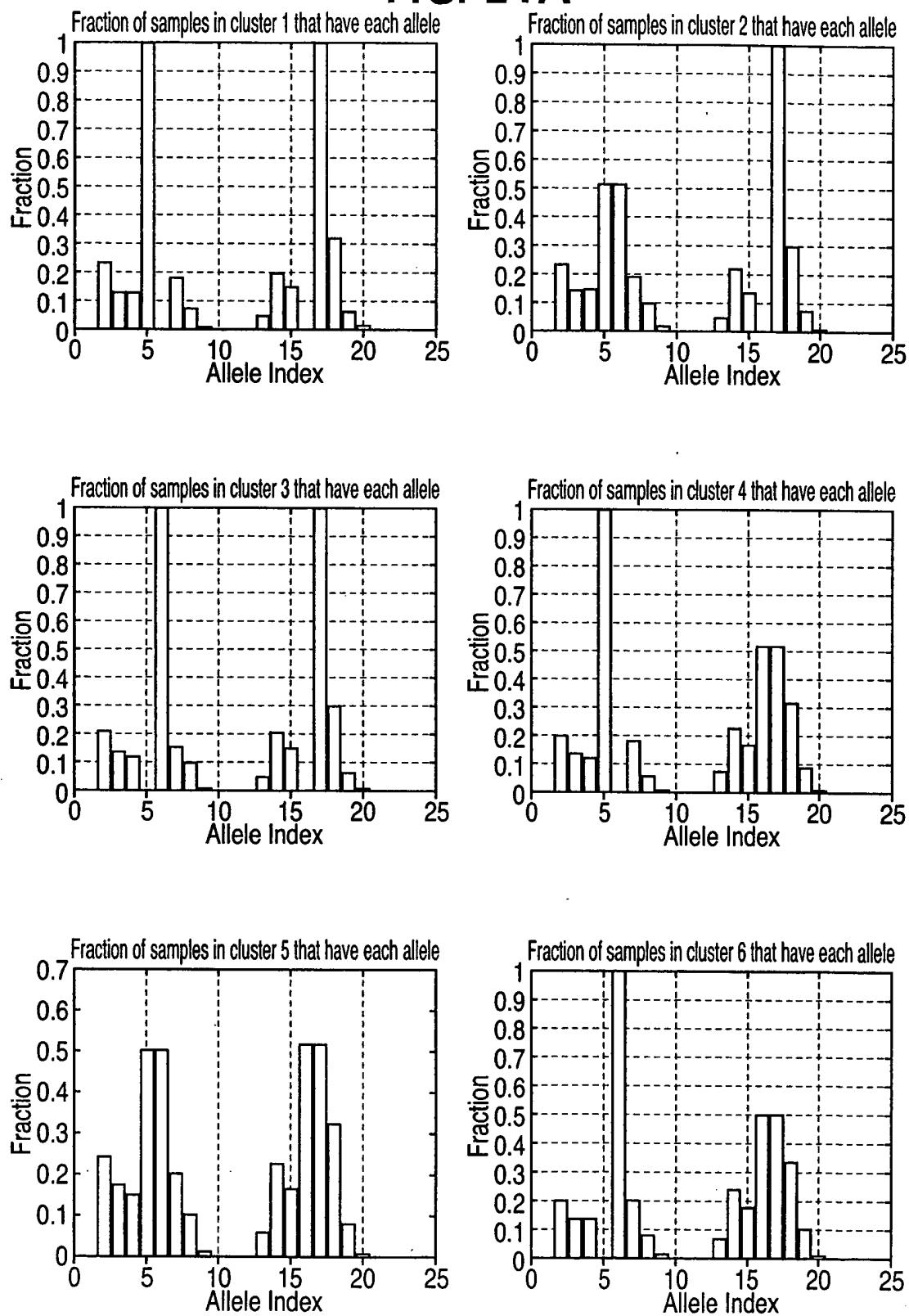


FIG. 21B

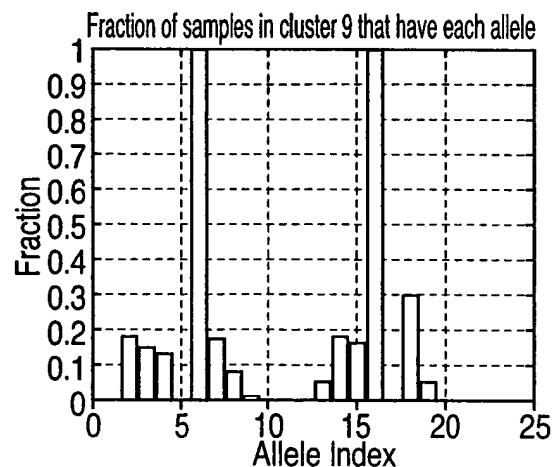
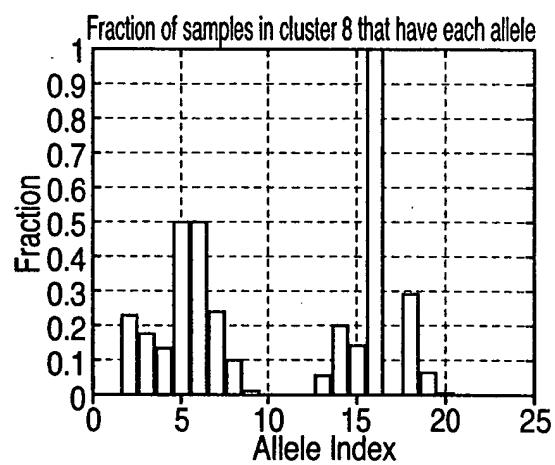
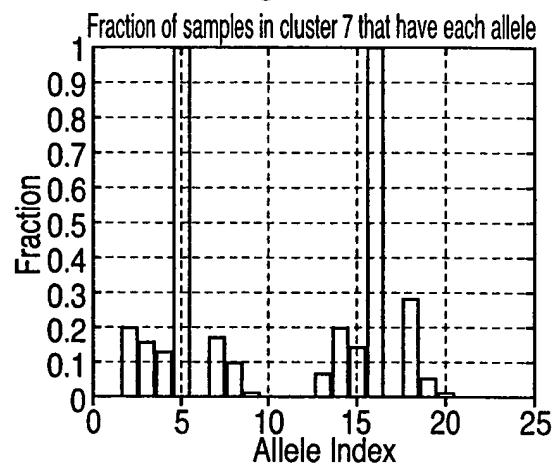


FIG. 22

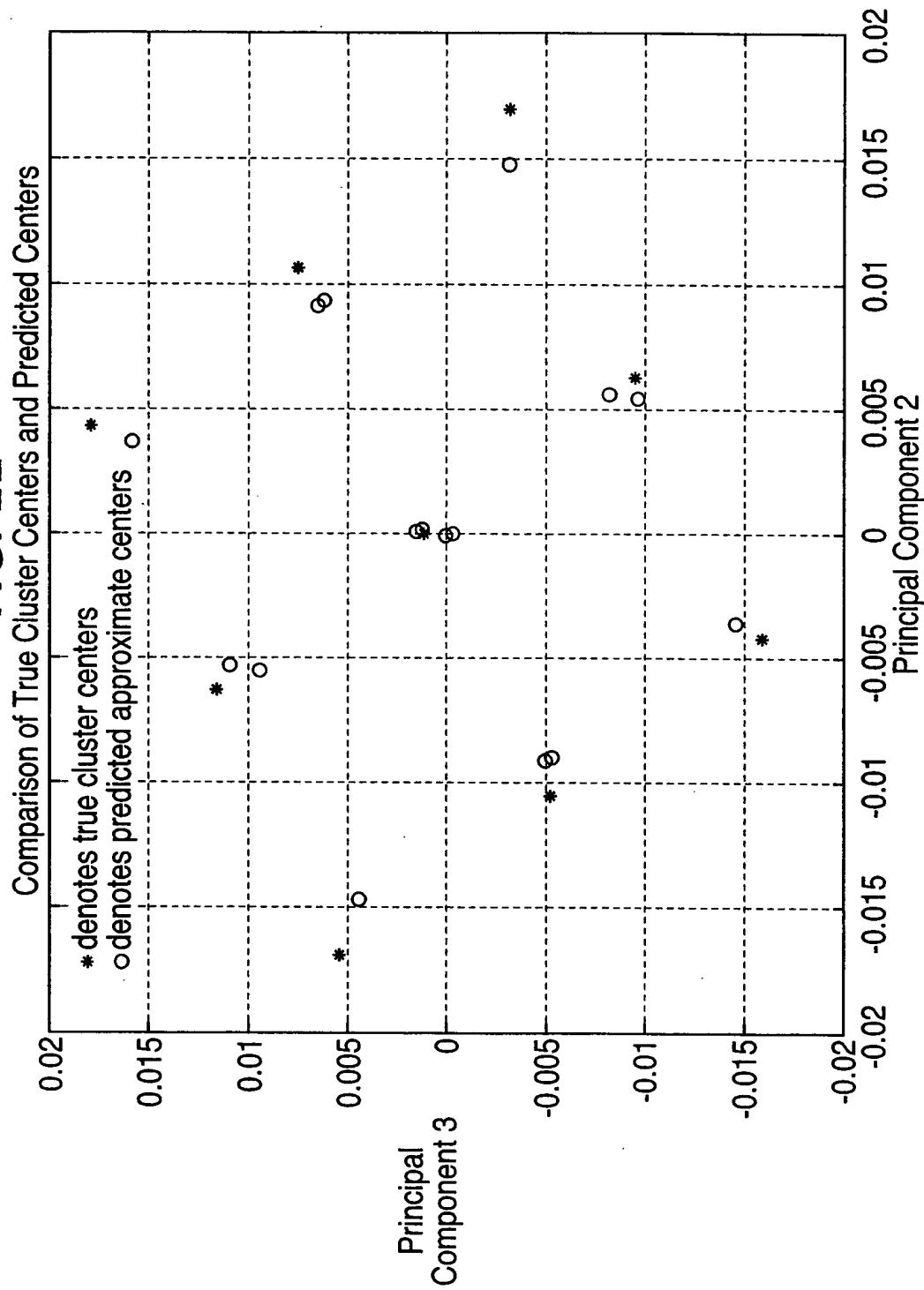


FIG. 23

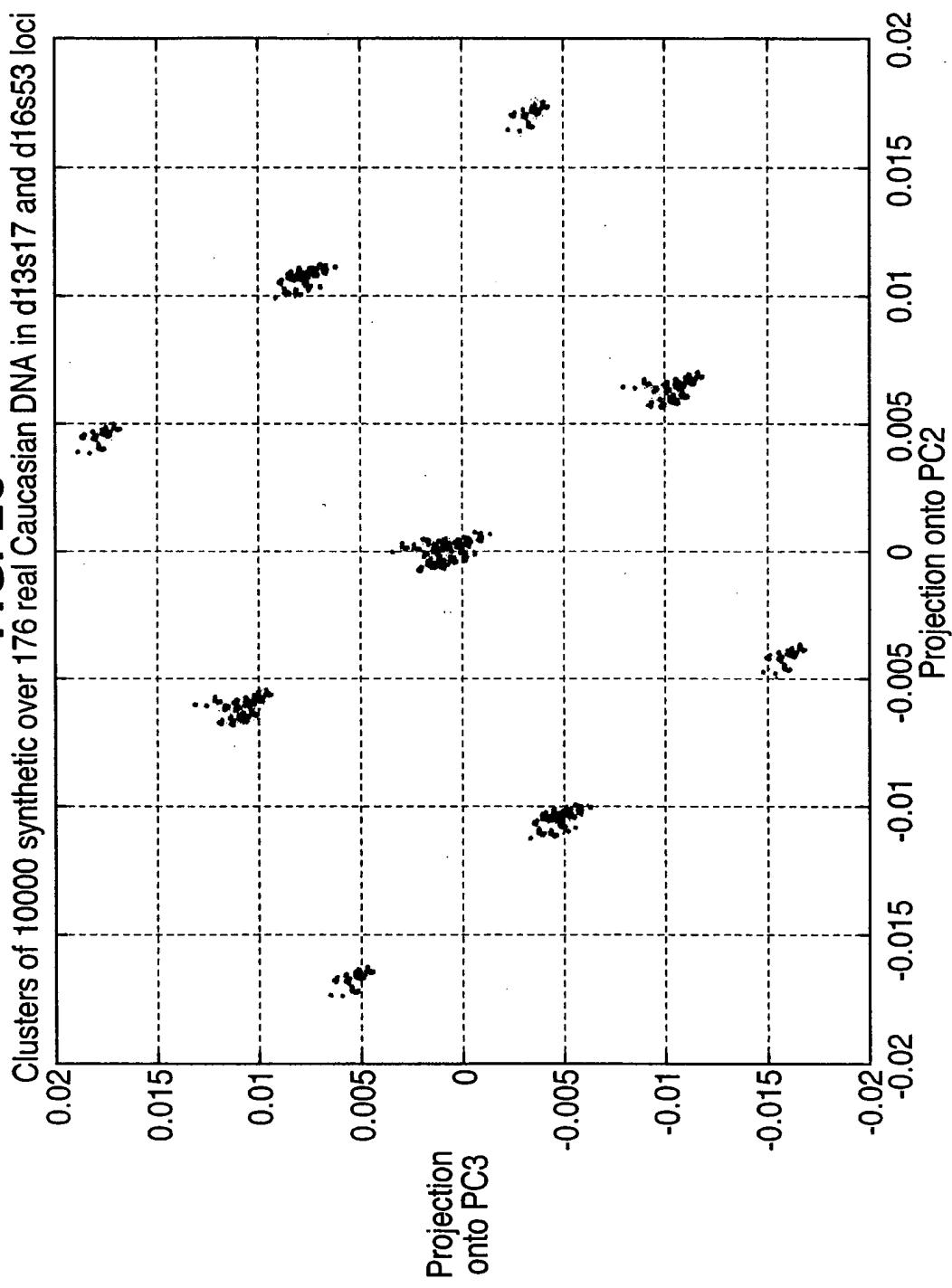


FIG. 24

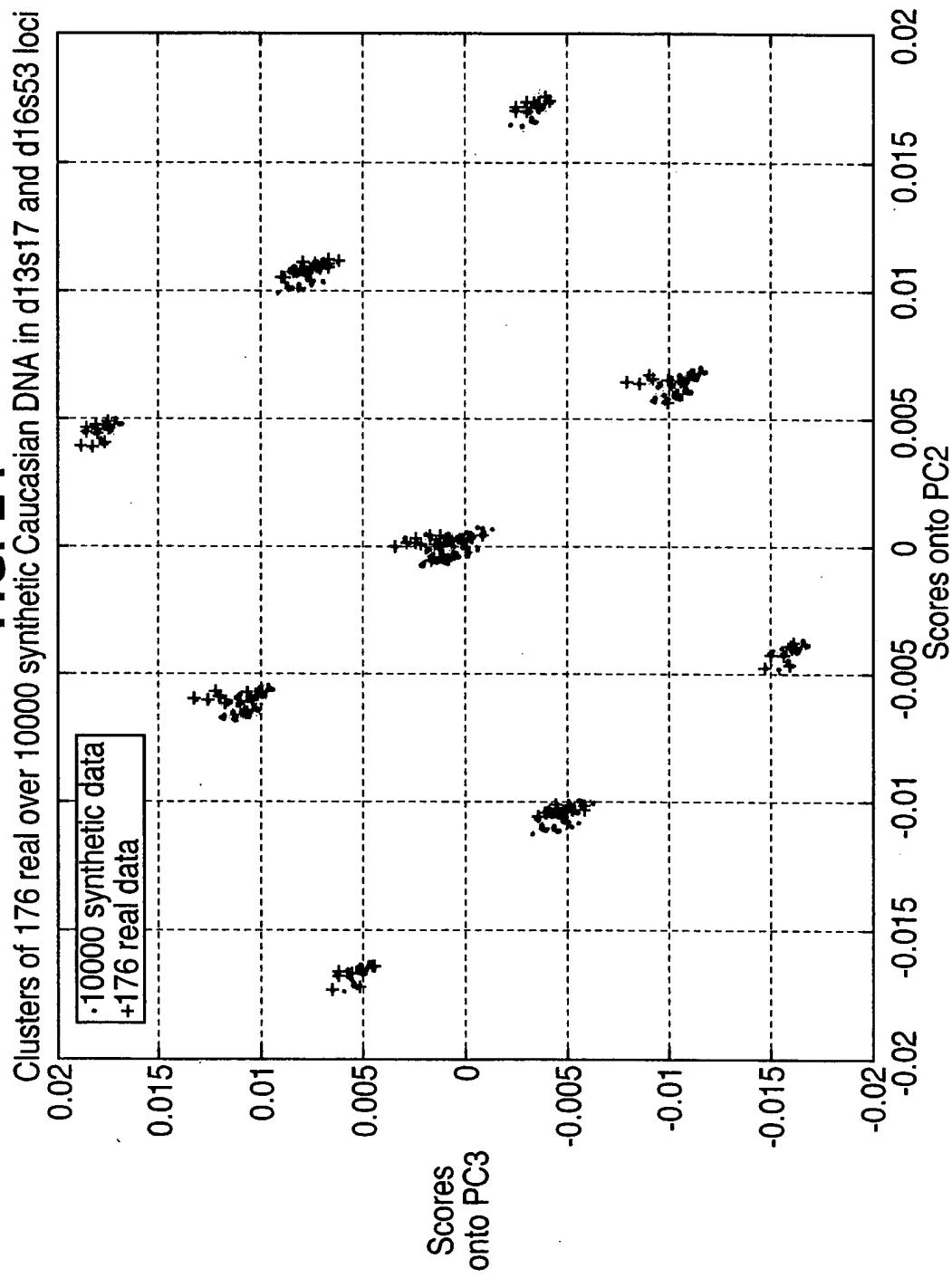


FIG. 25

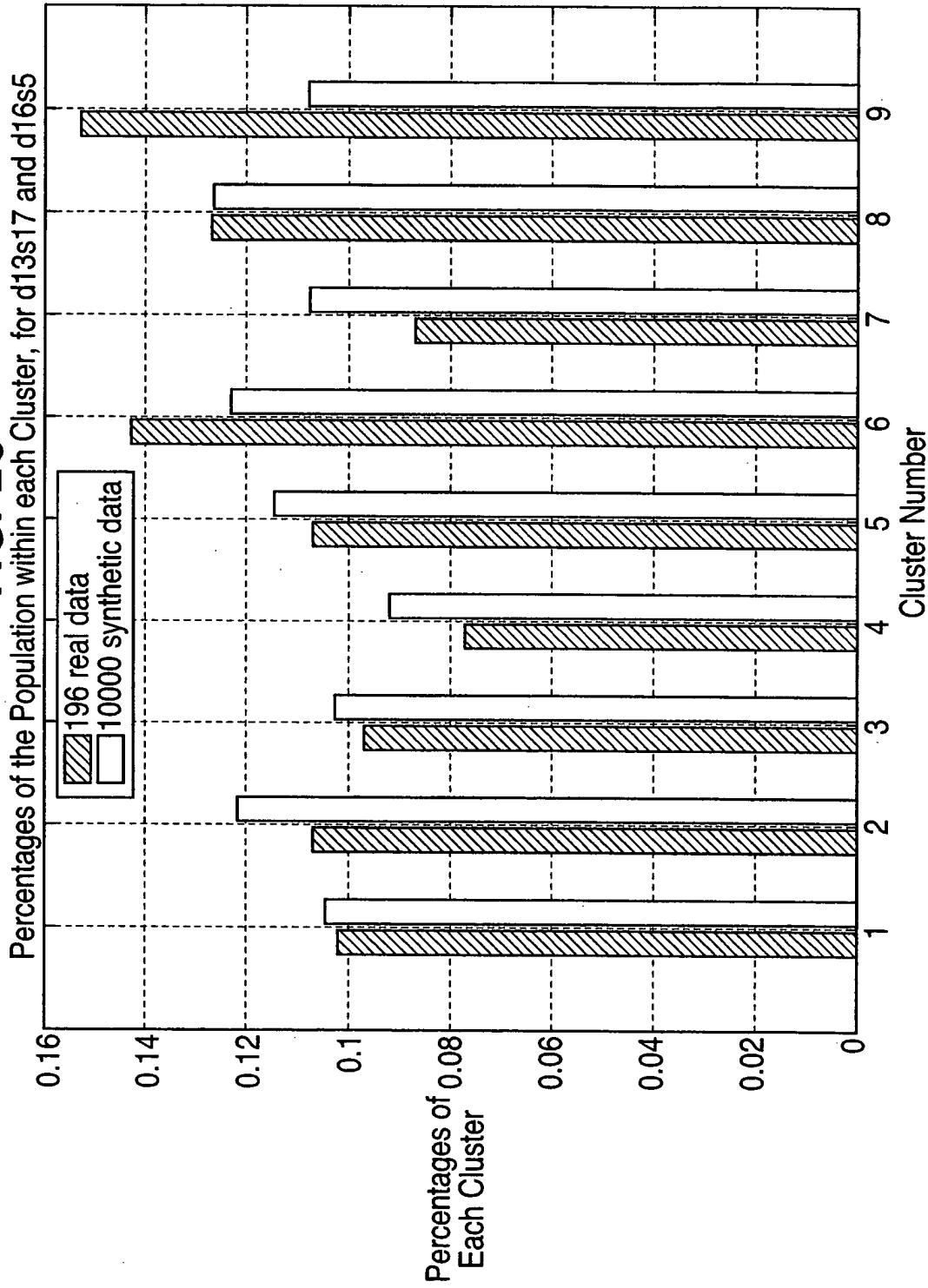


FIG. 26

Distribution of Search Times (Exact Match, 5,019 Runs, 100K Profiles)

Percent of Search
Runs Requiring
the Indicated Time

Mean Search Time = 2,132.6 uSec

98.5% Required < 5,000 uSec

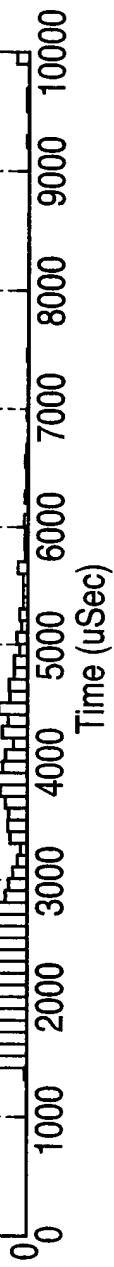


FIG. 27

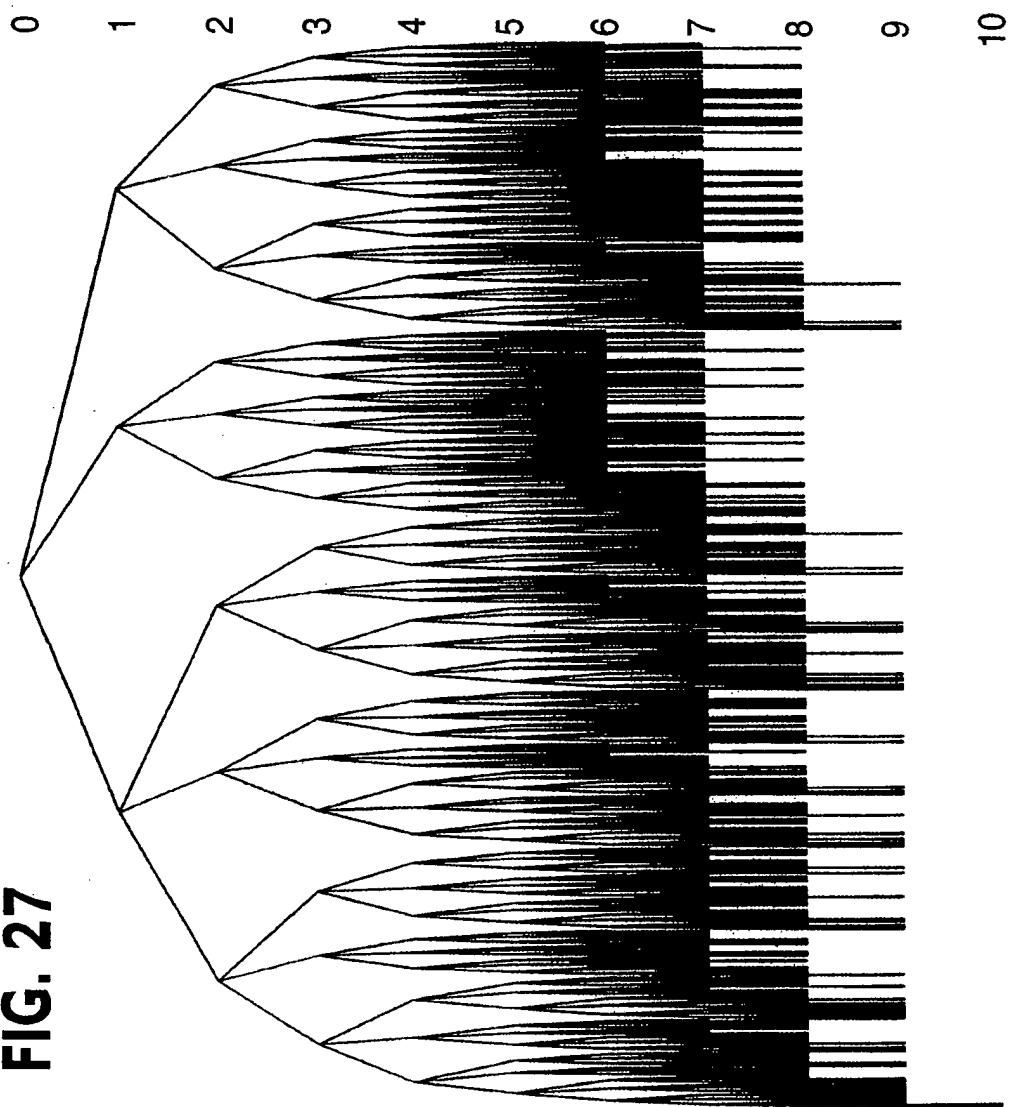


FIG. 28

